Public Works (1910) Department.

G.O., No. 318 · I / 319 · I

DATED 29. 9. 1910.

[Despatch Abstract.]

Weir at the left flank of No.3 Thiruvadur Periya Kanmoy, Periyar System

A revised estimate, amounting to Rs.12,072/- inclusive of establishment charges, for constructing a ------, sanctioned and a copy of the Proceedings ordered to be forwarded to the Government of India for information.

Ditto

Forwarding to the Government of India a copy of the Proceedings sanctioning a revised estimate, amounting to Rs.12,072/- inclusive of establishment charges for constructing a -----------

Indexed

Registered as No 88-I of 1910-11

1.10.10

[P. W. 9. 1,250—22-7-09.]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

IRRIGATION.
ACCOUNT.

Recd.	1910.	*Enclosures*
Regd.		*Spare copies*

G.O., Nos. 318, 319 I., 29th September 1910.

Weir at the left flank of No. 3, Thiruvadur Periya Kanmoy, Periyar System

Forwarding to the Government of India a copy of the Proceedings sanctioning a revised estimate, amounting to Rs. 12,072, inclusive of establishment charges for constructing a —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

I

G.O., No. $\frac{176}{A \& B}$ I., dated 26th April 1909.

ABSTRACT.—Sanctioning an estimate, amounting to Rs. 11,341, for constructing a weir at the left flank of No. 3, Thiruvadur Periya Kanmoy, Periyár system.

II

Letter—from T. W. S. SMYTH, Esq., Superintending Engineer, VI Circle.
To—the Chief Engineer for Irrigation.
Dated—Trichinopoly, the 5th September 1910.
No.—861-C.E.

I have the honour to forward herewith for your approval and sanction of Government a revised estimate amounting to Rs. 9,815 for constructing a weir at the left flank of No. 3, Thiruvadur Periya Kanmoy, Periyár system.

2. The excess for which the sanction of Government has now been applied for is Rs. 595 over that sanctioned in G.O., No. $\frac{176}{A}$ I., dated 26th April 1909, and is due mainly to the increased rates now allowed in the revised estimate for the two items, concrete in surki mortar and coursed rubble in mortar and to the inadequate lump sum provision for excavating foundations, etc., made in the original estimate. The cost of materials, labour, etc., being now on the increase owing to the construction of many public and private buildings in the district, the rates now provided are reasonable and the revised estimate is recommended for early sanction, as the work is approaching completion.

ENCLOSURE.

Report to accompany the revised estimate for reconstructing the weir of Thiruvadur Periya Kanmoy.

	RS.
Amount of revised estimate	9,815
Amount of original estimate sanctioned in Register No. 44 of 1909–1910	9,220
Net amount requiring sanction	595

This estimate was sanctioned in G.O., No. $\frac{176}{A}$ I., dated 26th April 1909, bearing Circle Register No. 44 of 1909–1910.

The rates allowed in the sanctioned estimate are found inadequate and hence excess rates were agreed to by the late Executive Engineer and the work was started in season 1909. The estimate therefore requires revision for the enhanced rates.

A lump sum provision was made for the excavation of earth in foundations but the quantity has been largely exceeded during execution, as it was found necessary to cut back and stop the excavations to minimise slipping in the deep foundations and to remove slips which occurred on several occasions

The work was not carried out last year owing to the late sanction; but, in order to safeguard the ring bund round the site of the old weir, a breach had to be cut at the left flank of the tank below F.T.L. The breach will have to be closed on completion of this work. It will be met from the repair estimate to the tank sanctioned in Circle Register No. 291 of 1908–1909.

This estimate is revised on the above lines, and early sanction is solicited.

26th August 1910.

J. M. M. PARKER,
Executive Engineer, Madura Division.

III

Endorsement by the Chief Engineer for Irrigation, dated 17th September 1910, R.O.C. No. 3498/10.

Submitted to Government with a recommendation that the revised estimate in question may be sanctioned.

2. The reasons for the excess over the original estimate are explained in the Superintending Engineer's letter.

3. The work is reported to be approaching completion.

C. A. SMITH,
Chief Engineer for Irrigation.

To the Joint Secretary to Government, Public Works Department (Irrigation), with the Superintending Engineer's letter and its enclosures (in original).

Order—No. 318 I., dated 29th September 1910.

The revised estimate, amounting to Rs. 9,815, for "works" or Rs. 12,072 including "establishment" for constructing a weir at the left flank of No. 3, Thiruvadur Periya Kanmoy, Periyár system, is sanctioned in supersession of the estimate of Rs. 11,341 sanctioned in G.O., No. $\frac{176}{A}$ I., dated 26th April 1909.

2. This sanction is registered as No. 88 I. of 1910–1911.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information, in continuation of Endorsement No. $\frac{176}{B}$ I., dated 26th April 1910.

[Here enter No. 319 I., dated 29th September 1910.]

(True Extract.)

C. A. SMITH,
Joint Secretary to Govt., P.W.D., Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, VI Circle, with plan and estimate.
,, Examiner, Public Works Accounts.

Endorsement—No. 319 I., dated 29th September 1910.

Forwarded.

(By Order.)

C. A. SMITH,
Joint Secy. to Govt., P.W.D., Irrigation Branch.

Endorsement by the Chief Engineer in Irrigation, [illegible] 1910, No. [illegible]

[illegible]

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

From the Supdg. Engr., VI Circle, d/ 5. 9. 10, No. 861 C.E.

Endorsement by the Chief Engr. for Irrign. R.O.C. No. 3498 of 10 d/ 17. 9. 10:—

CURRENT No. 9810
PASSED ON BY } 22/9
Encl 12 (1 plan)

Submitted to Government with a recommendation that the revised estimate, in question, may be sanctioned.

2. The reasons for the excess over the original estimate are explained in the Supdg. Engr's letter.

pp 1-12 of C.f.

3. The work is reported to be approaching completion.

p 12 of C.f.

[signature]

17/9/10

To
The Joint Secy to Govt., P.W.D. (I)
with the S.E's letter and its enclosures (in orgl.).

16-9-10

DE I
17 SEP 1910

EI

Revised estimate of Rs 9815

(for works) for making a new

formed the [illegible]

Hunnadi: Ravi Ranmoy

Bengal Engineers [illegible]

2,000—29-4-20.

P.W.D. IRRIGATION BRANCH.

Subject:— Revised estimate of Rs 9815 (for 'works') for constg a weir at the left flank of No 3 Kiruvadi Bara Kanmoy, Periyar System.

NOTES

CONNECTED WITH

G.O., No. I., dated 19 .

Notes edited.

P.p. of Ek's Rep.

Initials of the Clerk.

PUBLIC WORKS DEPARTMENT,

(Irrigation Branch).

Endorst. by the Chief Engr. for Irrgn. d/ 14/17-9-10 ROC No. 3498 of '10 submitting a revised estte. of Rs 9815 (for works) for constg a weir at the left flank of No 3 Thiruvadi Peria-Kanmoy, Periyar System.

—

DS

A draft order sanctioning the revised estimate is submitted for approval.

14-9-10 14-9-10

I Submitted

17-9-10

Note for His Excellency.

The file relates to the revised estimate of Rs12,072 for constructing a weir at the left flank of No.3 Thiruvadur Periya Kanmoy, Periyar system. The original estimate of Rs11,341 was sanctioned in G.O., No.176-I A dated 26-4-~~10~~ 09. The excess is chiefly due to the increased rates for certain items of work and for increased lump sum provision for excavating foundations now allowed. The work is approaching completion. Draft order sanctioning the revised estimate is submitted for approval.

CIRCULATED IN Box No. 5 on 20. 9.10

R/ 22/9/10.

CIRCULATED IN Box No.

21.9.10

20/9/10

D. 9

The draft order may now issue.

I Submitted

Gp
22.9.10

MSV
22.9.10

[illegible]
22/9

[illegible]
22-9-10

Read m.w. 11/10/10

SUBJECT.— Revised estimate of Rs 9815 (for 'works') for constg a weir at the left flank of No 3 Thiruvadur Periya-Kanmoy, Periyar System.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

Urgent

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ again the following

G.O No 176/A&B - I dt. 26.4.09

Read also

From the Supdg Engr., VI Circle, dt 5.9.10, No 861-CE
Endorst by the Chief Engr. for Irrgn dt 17.9.10, Roc No 3498 of 10

Order. 318 I of 29th Septr 1910

The revised estimate, amounting to Rs 9,815 for 'works' or Rs 12,072 including 'establt', for constructing a weir at the left flank of No 3 Thiruvadur Periya Kanmoy, Periyar System is sanctioned in supersession of the estimate of Rs 11,341 sanctioned in G.O No 176/A I dt 26th April 1909

2

2.

2. This sanction is registered as No 88-I of 1910-'11

F.E.I.

3. Ordered that a copy of these Proceedings be forwarded to the G. of I for information, in continuation of endost No. 176/B - I dy 26.4.10.

flag Q

Endorst 319. I of 29th Sept. 1910

Forwarded.

Despd 18/11/10

Issue.

17.9.10

17/9/10

14/9/10

14.9.10

To the Chief Eng: for Irrign
" Supg Eng: , VI Circle, M.S. with plan & esti
" Inam Dy Pbl. Accts.

Despd 4/10/10

Despd 18/11/10

Ordinary Press

(3)

O R D E R:-No.176/A-I, dated 26th April 1909.

The recommendations of the Chief Engineer for Irrigation are approved and the following estimate sanctioned:-

Imperial

Capital Expenditure not charged to Revenue

49 Irrigation.

Periyar System.

Open Capital Account.

I Works.

3 - Distributaries.

C Works.

Unremunerative work - Constructing a weir at the left flank of No.3 Thiruvadur Periya Kanmoy.

I Works --- Rs.9,220.

II Establishment.
Rs. 2,121

11,341
----

2. This sanction is registered as No.14-I of 1909-10 and - will expire on the 31st March 1911.

3. The following telegram will be sent to the Superintending Engineer, VI Circle:- Despatched 26-4-09.

"Your No.229-C.E. dated 7th March 1909. Estimate sanctioned".

4. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

(True Extract)
C.A. Smith,
Joint Secretary to Government, P.W.D.

To the Suptg:Engineer, VI Circle, with plans and estimate.

No. 2383

Copy communicated to the Ex:Engineer, Madura Division, for information.

The sanctioned estimate has been registered as No. 44 of 1909-1910.

Encl: 2 plans
1. Este
3

for Suptg:Engineer, VI Circle.

Government of Madras.

P. W. D.
Irrigation Branch.

Proceedings No.176/A-I, dated Madras, 26th April 1909.

Read the following paper:-

From the Superintending Engineer, VI Circle, No.229 C.E. dated 17th March 1909.

Note by the Chief Engineer for Irrigation, dated 19' April 1909:-

With his letter No.229-C.E. dated 17th March 1909, the Superintending Engineer, VI Circle, submits an estimate amounting to Rs.9,000 for constructing a masonry - weir at the left flank of the Theruvadur Periyakanmoy - in the Periyar affected area, Melur Taluk.

2. It is stated that the tank has a masonry weir, 94 - feet long at the right flank, and a ruined calingulah at the left, and that as the existing surplus arrangements are quite inadequate to dispose of the discharge from a combined catchment area of 25.13 Sq.miles, it is proposed to construct a weir 284 feet long in place of the ruined calingulah at the left flank.

3. The amount of the estimate has been increased to - Rs.9,220 in this office owing to the raising of the wings at the ends to 2 feet above M.W.L. and of the front returns to M.W.L. The top width of the wings and returns has also been increased to 2 feet. The estimate, as altered, is recommended for sanction.

4. The Suptg' Engineer's action in having authorised the Executive Engineer to collect materials in anticipation of sanction to the estimate may be approved as it - is stated that the tank is an important one irrigating - 536 acres and the proposed surplus weir has to be completed before the next irrigation season.

----

3 82

No. 1/4100 7 JUL 1910

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20 OCT 1909
MADURA DIVISION

Government of Madras.

PUBLIC WORKS DEPARTMENT.

IRRIGATION.
ACCOUNT.

5 JUL 1909

82/1972
19-11-09

Recd. } 1909. Enclosures
Regd. } Spare copies

G.O., No. $\frac{176}{A}$ I., 26th April 1909.

No 4017 S / 9-11-09.
Communicated to S.DO Periyar for information & attention
No 3781 S / 17-11-09. By order. R Raj Accountant
SD O III
For information. G 1823 / 21-11-09.
(Sd) V. Hart
Transferred to O2.
Sd. S Ramiah-
OE.

No. 3 Thiruvadur Periya Kanmoy, Periyar System

The estimate, amounting to Rs. 11,341, for constructing a weir at the left flank of — sanctioned, and a copy of the Proceedings ordered to be forwarded to the Government of India for information.

Noted & submitted.
[illegible]
2/12-09.

Recd [illegible]
[illegible]

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

I

Letter—from H. E. CLERK, Esq., Superintending Engineer, VI Circle.
To—the Chief Engineer for Irrigation.
Dated—Trichinopoly, the 17th March 1909.
No.—229 C. E.

I have the honour to forward herewith for your approval and sanction of Government an estimate, amounting to Rs. 9,000, for constructing a weir at the left flank of No. 3 Thiruvadur Periya Kanmoy, an important tank in the Periyár area, **Mélúr taluk.**

2. During your recent tour of inspection in the Periyár area, you saw the site and called for an estimate to provide adequate surplus arrangements to the tank, in your notes of inspection communicated to me with your endorsement No. 796, dated 1st March 1909.

3. The necessity for the proposed work and the details of the tank are fully explained in the report attached to the estimate.

4. As the proposed work is to be completed before the commencemet of the next irrigation season, the Executive Engineer has been asked to collect materials in anticipation of sanction to the estimate. The rates entered in the estimate are fair and its early sanction is requested.

5. An estimate, amounting to Rs. 780, for repairs to the tank, being within my powers of sanction, has been returned sanctioned to the Executive Engineer, Madura division, for execution.

ENCLOSURE.

Report to accompany the estimate for improvements to No. 3 Thiruvadur Periya Kanmoy, Mélúr taluk.

	RS.
Amount of estimate	9,000

General.—No. 3 Thiruvadur Periya Kanmoy (otherwise known as Periya Kanmoy and Nallan Pillai Petta Kanmoy) is one of those tanks ordered to be maintained in G.O., No. 1250 I., dated 15th December 1906, and situated at the tail end of the Thiruvadur offtake of the X Branch channel, Periyár Main canal.

Supply.—The tank in addition to its supply from its catchment receives a supply of Periyár water from the Thiruvadur offtake of the X Branch channel.

Sluices.—To irrigate the present ayacut of 536 acres under the tank, there are 4 sluices in the tank in good order requiring neither repairs nor improvements.

F.T.L.—The F.T.L. of the tank has been fixed with reference to the crest of the existing weir at the right flank of the tank. An extent of 6·73 acres of patta land is liable to be submerged at F.T.L. but the submergence is mamool and no action is necessary with respect to it.

Bund.—The bund of the Periya Kanmoy for the great part of its length carries the Local Fund road (from Mélúr to Thiruvadur) and the ruins of the massive fort wall of Thiruvadur forms another part of its bund. These require no repairs. The only portion of the bund that

requires strengthening is its right flank and the whole of that portion of the bund of the tank called Nallan Pillai Petta Kanmoy. Provision is made in a separate estimate for repairs to the tank for strengthening it to the standard given in the descriptive memoir sheet attached (viz., to raise it to 3 feet above M.W.L. with top width 6 feet and slopes 1½ to 1 on both sides).

The bund of the tank is revetted and the revetment is in good order.

Surplus arrangements.—The tank at present surpluses over a masonry weir at the right flank and calingula at the left flank. The existing surplus arrangements being inadequate to discharge the maximum quantity estimated as likely to enter the tank, and the calingula at the left flank being damaged beyond repairs, it has been proposed to construct a masonry weir 284 feet long as per plan enclosed capable of discharging the full quantity of surplus.

The run off channel in rear of this escape tails into the Upper odai which goes to zamin lands, while the surplus at the right flank goes through wet fields to No. 1, Kilapallakurichi tank.

H. E. CLERK,
Superintending Engineer, VI Circle.

II

Note by the Chief Engineer for Irrigation.

With his letter No. 229 C.E., dated 17th March 1909, the Superintending Engineer, VI Circle, submits an estimate, amounting to Rs. 9,000 for constructing a masonry weir at the left flank of the Thiruvadur Periya Kanmoy in the Periyár affected area, Mélúr taluk.

2. It is stated that the tank has a masonry weir, 94 feet long at the right flank, and a ruined calingula at the left, and that as the existing surplus arrangements are quite inadequate to dispose of the discharge from a combined catchment area of 25·13 square miles, it is proposed to construct a weir 284 feet long in place of the ruined calingula at the left flank.

3. The amount of the estimate has been increased to Rs. 9,220 in this office owing to the raising of the wings at the ends to 2 feet above M.W.L. and of the front returns to M.W.L. The top width of the wings and returns has also been increased to 2 feet. The estimate, as altered, is recommended for sanction.

4. The Superintending Engineer's action in having authorised the Executive Engineer to collect materials in anticipation of sanction to the estimate may be approved as it is stated that the tank is an important one irrigating 536 acres and the proposed surplus weir has to be completed before the next irrigation season.

19*th April* 1909.

C. A. SMITH,
Chief Engineer for Irrigation.

Order—No. $\frac{176}{A}$ I., dated 26th April 1909.

The recommendations of the Chief Engineer for Irrigation are approved, and the following estimate sanctioned :—

Imperial.
Capital Expenditure not charged to Revenue.
49. Irrigation.
Periyár System.
Open Capital Account.
I. Works.
3. Distributaries.
C. Works.
Unremunerative Work.
Constructing a weir at the left flank of No. 3 Thiruvadur Periya Kanmoy.

	RS.
Estimate—	
I. Works ...	9,220
II. Establishment ...	2,121
Total ...	11,341

SUPDG. ENGINEER
29 AUG 1910
SIXTH CIRCLE

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1840
2120 60

2. This sanction is registered as No. 14 I. of 1909–1910 and will expire on the 31st March 1911.

3. The following telegram will be sent to the Superintending Engineer, VI Circle :—

"Your number 229 C.E., dated 7th March 1909. Estimate sanctioned."

4. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. $\frac{176}{B}$ I., dated 26th April 1909.]

(True Extract.)

C. A. SMITH,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, VI Circle, with estimate and plans.
,, Examiner, Public Works Accounts.

Mne 9/10/10

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